

In the Claims:

All pending claims are herewith presented for the convenience of the Examiner,
regardless of whether or not amended:

Claims 1 through 20 are hereby cancelled without prejudice or disclaimer.

21. (NEW) A system for displaying radar data comprising:

an opposite lane display system;

a same lane display system;

a front display system;

5 a back display system; and

wherein a combination of one or more of the opposite lane system and the same lane system with one or more of the front display system and the back display system can be selected by a user to provide a display of radar data from one or more user-selected areas of view.

22. (NEW) The system of claim 21 further comprising a vehicle tracking system identifying one or more vehicles in each user-selected area of view and tracking each vehicle over time.

23. (NEW) The system of claim 21 further comprising a history system receiving vehicle historical speed data and generating user-readable vehicle historical speed display data.

24. (NEW) The system of claim 21 further comprising a fastest speed system displaying a speed of a fastest-moving vehicle in at least one of the user-selected areas of view.

25. (NEW) The system of claim 21 further comprising a strongest signal system displaying a speed of a vehicle having a strongest reflected signal in at least one of the user-selected areas of view.

26. (NEW) The system of claim 21 further comprising a preset system storing one or more combinations of user-selected areas of view.

27. (NEW) The system of claim 21 wherein the user-selected areas of view include one or more of a front-opposite lane area of view, a front-same lane area of view, a back-opposite lane area of view, and a back-same lane area of view.

28. (NEW) A method for displaying radar data for two or more vehicles comprising:
receiving a user selection of whether to display radar data for vehicles in front of a view point;

receiving a user selection of whether to display radar data for vehicles behind a view point;

5 receiving a user selection of whether to display radar data for vehicles in a same lane of travel relative to a view point;

receiving a user selection of whether to display radar data for vehicles in an opposite lane of travel relative to a view point; and

generating one or more displays of radar data based on the user selections.

29. (NEW) The method of claim 28 further comprising receiving a user selection to display speed data for a vehicle having a fastest speed in one or more of the user-selected displays.

30. (NEW) The method of claim 28 further comprising receiving a user selection to display speed data for a vehicle having a strongest reflected signal in one or more of the user-selected displays.

31. (NEW) The method of claim 28 further comprising receiving a user selection to display historical speed data for a vehicle in one or more of the user-selected displays.

32. (NEW) The method of claim 28 further comprising:

storing one or more user-selected displays as a preset display selection; and

recalling the preset display selection by selection of a single preset display control.

33. (NEW) A controller for use in selecting the display of radar data for two or more vehicles comprising:

a front select control allowing a user to select radar data for vehicles traveling in front of an observation point;

5 a rear select control allowing the user to select radar data for vehicles traveling behind the observation point;

a same lane select control allowing the user to select radar data for vehicles traveling in a same lane relative to the observation point;

10 an opposite lane select control allowing the user to select radar data for vehicles traveling in an opposite lane relative to the observation point; and

wherein a user-readable display generates radar data for vehicles in one or more user-selected areas of view based on user selections from the front select control, the rear select control, the same lane select control, and the opposite lane select control.

34. (NEW) The controller of claim 33 wherein the controller further comprises an infrared remote controller.

35. (NEW) The controller of claim 33 wherein the controller further comprises a touch-sensitive display.

36. (NEW) The controller of claim 33 further comprising a user-selectable fastest vehicle control causing fastest vehicle speed data to be generated for one or more of the user-selected areas of view.

37. (NEW) The controller of claim 33 further comprising a user-selectable strongest vehicle control causing vehicle speed data to be generated for a vehicle having a strongest reflected signal in one or more of the user-selected areas of view.

38. (NEW) The controller of claim 33 further comprising a user-selectable historical vehicle control causing historical speed data to be generated for one or more vehicles in one or more of the user-selected areas of view.